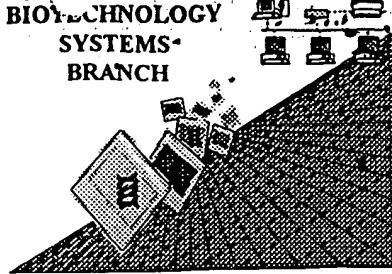


RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/763129

Source: PCT

Date Processed by STIC: 08/30/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Chcker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/763129</u>
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ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPIIA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 Wrapped Nucleic
Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 Variable Length Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 PatentIn 2.0
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7 Skipped Sequences
(OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 Skipped Sequences
(NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9 Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.

10 Invalid <213>
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11 ✓ Use of <220> Sequence(s) to 18 missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12 PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/763,129

DATE: 08/30/2001
TIME: 06:16:21

Input Set : A:\ES.txt
Output Set: N:\CRF3\08292001\I763129.raw

3 <110> APPLICANT: CO, MAN SUNG
4 VASQUEZ, MAXIMILIANO
6 <120> TITLE OF INVENTION: ANTITHROMBOTIC AGENT AND HUMANIZED ANTI-VON WILLEBRAND
FACTOR MONOClonAL
7 ANTIBODY
9 <130> FILE REFERENCE: 202617US0PCT
11 <140> CURRENT APPLICATION NUMBER: 09/763,129
C--> 12 <141> CURRENT FILING DATE: 2001-05-16
14 <150> PRIOR APPLICATION NUMBER: PCT/US99/16724
15 <151> PRIOR FILING DATE: 1999-08-19
17 <150> PRIOR APPLICATION NUMBER: 09/136,315
18 <151> PRIOR FILING DATE: 1998-08-19
20 <160> NUMBER OF SEQ ID NOS: 8
22 <170> SOFTWARE: PatentIn version 3.1
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 417
26 <212> TYPE: DNA
27 <213> ORGANISM: Mus musculus
29 <220> FEATURE:
30 <221> NAME/KEY: CDS
31 <222> LOCATION: (1)..(417)
32 <223> OTHER INFORMATION:
35 <400> SEQUENCE: 1
36 atg gat ttt ggg ctg att ttt ttt att gtt gct ctt tta aaa ggg gtc 48
37 Met Asp Phe Gly Leu Ile Phe Phe Ile Val Ala Leu Leu Lys Gly Val
38 1 5 10 15
40 cag tgt gag gtg aaa ctt ctc gag tct gga ggt ggc ctg gtg cag act 96
41 Gln Cys Glu Val Lys Leu Glu Ser Gly Gly Leu Val Gln Thr
42 20 25 30
44 gga gga tcc ctg aaa ctc tcc tgt gca gcc tca gga ttc gat ttt agt 144
45 Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser
46 35 40 45
48 aga ttc tgg atg agt tgg gtc cgg cag gct cca ggg aaa ggg cta gaa 192
49 Arg Phe Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu
50 50 55 60
52 tgg att gga gaa gtt aat cca gat aac aat acg atg aac tat acg cca 240
53 Trp Ile Gly Glu Val Asn Pro Asp Asn Asn Thr Met Asn Tyr Thr Pro
54 65 70 75 80
56 tct cta aag gat aaa ttc atc atc tcc aga gac aac gcc aaa aat acg 288
57 Ser Leu Lys Asp Lys Phe Ile Ile Ser Arg Asp Asn Ala Lys Asn Thr
58 85 90 95
60 ctg tac ctg caa atg agt caa gtg aga tct gag gac aca gcc ctt tac 336
61 Leu Tyr Leu Gln Met Ser Gln Val Arg Ser Glu Asp Thr Ala Leu Tyr
62 100 105 110
64 tac tgt gca aga cct ccc tac tat ggt agc tac ggg ggg ttt gct tac 384
65 Tyr Cys Ala Arg Pro Pro Tyr Tyr Gly Ser Tyr Gly Gly Phe Ala Tyr
66 115 120 125
68 tgg ggc caa ggg act ctg gtc tct gtc tcg cca 417

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/763,129

DATE: 08/30/2001
TIME: 06:16:21

Input Set : A:\ES.txt
Output Set: N:\CRF3\08292001\I763129.raw

69 Trp Gly Gln Gly Thr Leu Val Ser Val Ser Pro
70 130 135
73 <210> SEQ ID NO: 2
74 <211> LENGTH: 139
75 <212> TYPE: PRT
76 <213> ORGANISM: Mus musculus
78 <400> SEQUENCE: 2
80 Met Asp Phe Gly Leu Ile Phe Phe Ile Val Ala Leu Leu Lys Gly Val
81 1 5 10 15
84 Gln Cys Glu Val Lys Leu Leu Glu Ser Gly Gly Leu Val Gln Thr
85 20 25 30
88 Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser
89 35 40 45
92 Arg Phe Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu
93 50 55 60
96 Trp Ile Gly Glu Val Asn Pro Asp Asn Asn Thr Met Asn Tyr Thr Pro
97 65 70 75 80
100 Ser Leu Lys Asp Lys Phe Ile Ile Ser Arg Asp Asn Ala Lys Asn Thr
101 85 90 95
104 Leu Tyr Leu Gln Met Ser Gln Val Arg Ser Glu Asp Thr Ala Leu Tyr
105 100 105 110
108 Tyr Cys Ala Arg Pro Pro Tyr Tyr Gly Ser Tyr Gly Gly Phe Ala Tyr
109 115 120 125
112 Trp Gly Gln Gly Thr Leu Val Ser Val Ser Pro
113 130 135
116 <210> SEQ ID NO: 3
117 <211> LENGTH: 381
118 <212> TYPE: DNA
119 <213> ORGANISM: Mus musculus
121 <220> FEATURE:
122 <221> NAME/KEY: CDS
123 <222> LOCATION: (1)..(381)
124 <223> OTHER INFORMATION:
127 <400> SEQUENCE: 3
128 atg agt gtg ccc act cag gtc ctg ggg ttg ctg ctg tgg ctt aca 48
129 Met Ser Val Pro Thr Gln Val Leu Gly Leu Leu Leu Leu Trp Leu Thr
130 1 5 10 15
132 gat gcc aga tgt gac atc cag atg act cag tct cca gcc tcc cta tct 96
133 Asp Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ala Ser Leu Ser
134 20 25 30
136 gta tct gtg gga gaa act gtc acc atc aca tgt cga gca agt gag aat 144
137 Val Ser Val Gly Glu Thr Val Thr Ile Thr Cys Arg Ala Ser Glu Asn
138 35 40 45
140 att tac aat aat tta gct tgg tat cag cag aga cag gga aaa tct cct 192
141 Ile Tyr Asn Asn Leu Ala Trp Tyr Gln Gln Arg Gln Gly Lys Ser Pro
142 50 55 60
144 cag ctc ctg gtc tat gct gca aca aac tta gca gat ggt gtg cca tca 240
145 Gln Leu Leu Val Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser
146 65 70 75 80

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/763,129

DATE: 08/30/2001
TIME: 06:16:21

Input Set : A:\ES.txt
Output Set: N:\CRF3\08292001\I763129.raw

148	agg ttc agt ggc agt gga tca ggc aca cag tat tcc ctc aag atc gac	288
149	Arg Phe Ser Gly Ser Gly Thr Gln Tyr Ser Leu Lys Ile Asp	
150	85 90 95	
152	agc ctg cag tct gaa gat ttt ggg agt tat tac tgt caa cat ttg tgg	336
153	Ser Leu Gln Ser Glu Asp Phe Gly Ser Tyr Tyr Cys Gln His Leu Trp	
154	100 105 110	
156	act tct ccg tac acg ttc gga ggg ggg acc aag ctg gaa ata aaa	381
157	Thr Ser Pro Tyr Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys	
158	115 120 125	
161	<210> SEQ ID NO: 4	
162	<211> LENGTH: 127	
163	<212> TYPE: PRT	
164	<213> ORGANISM: Mus musculus	
166	<400> SEQUENCE: 4	
168	Met Ser Val Pro Thr Gln Val Leu Gly Leu Leu Leu Trp Leu Thr	
169	1 5 10 15	
172	Asp Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ala Ser Leu Ser	
173	20 25 30	
176	Val Ser Val Gly Glu Thr Val Thr Ile Thr Cys Arg Ala Ser Glu Asn	
177	35 40 45	
180	Ile Tyr Asn Asn Leu Ala Trp Tyr Gln Gln Arg Gln Gly Lys Ser Pro	
181	50 55 60	
184	Gln Leu Leu Val Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser	
185	65 70 75 80	
188	Arg Phe Ser Gly Ser Gly Thr Gln Tyr Ser Leu Lys Ile Asp	
189	85 90 95	
192	Ser Leu Gln Ser Glu Asp Phe Gly Ser Tyr Tyr Cys Gln His Leu Trp	
193	100 105 110	
196	Thr Ser Pro Tyr Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys	
197	115 120 125	
200	<210> SEQ ID NO: 5	
201	<211> LENGTH: 417	
202	<212> TYPE: DNA	
203	<213> ORGANISM: Artificial Sequence	
205	<220> FEATURE:	
206	<223> OTHER INFORMATION: Synthetic DNA	
208	<220> FEATURE:	
209	<221> NAME/KEY: CDS	
210	<222> LOCATION: (1)..(417)	
211	<223> OTHER INFORMATION:	
214	<400> SEQUENCE: 5	
215	atg gat ttt ggg ctg att ttt ttt att gtt gct ctt tta aaa ggg gtc	48
216	Met Asp Phe Gly Leu Ile Phe Phe Ile Val Ala Leu Leu Lys Gly Val	
217	1 5 10 15	
219	cag tgt gag gtg caa ctt gtc gag tct gga ggt gga cta gtg cag cct	96
220	Gln Cys Glu Val Gln Leu Val Glu Ser Gly Gly Leu Val Gln Pro	
221	20 25 30	
223	gga gga tca ctg aga ctc tcc tgt gca gcc tca gga ttc gat ttt agt	144
224	Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/763,129

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Input Set : A:\ES.txt
Output Set: N:\CRF3\08292001\I763129.raw

225	35	40	45	
227	aga ttc tgg atg agt tgg gtc cgg cag gct cca ggg aaa ggg ctc gag			192
228	Arg Phe Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu			
229	50	55	60	
231	tgg att gga gaa gtt aat cca gat aac aat acg atg aac tat acg cca			240
232	Trp Ile Gly Glu Val Asn Pro Asp Asn Asn Thr Met Asn Tyr Thr Pro			
233	65	70	75	80
235	tct cta aag gat aaa ttc acc atc tcc aga gac aac gcc aaa aat acg			288
236	Ser Leu Lys Asp Lys Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr			
237	85	90	95	
239	ctg tac ctg caa atg aac tca ttg aga gct gag gac acg gcc gtt tac			336
240	Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr			
241	100	105	110	
243	tac tgt gca aga cct ccc tac tat ggt agc tac ggg ggg ttt gct tac			384
244	Tyr Cys Ala Arg Pro Pro Tyr Tyr Gly Ser Tyr Gly Gly Phe Ala Tyr			
245	115	120	125	
247	tgg ggc caa ggg act ctg gtc acc gtc tcc tca			417
248	Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser			
249	130	135		
252	<210> SEQ ID NO: 6	Errored: An explanation or description of your artificial protein sequence is required in field 223.		
253	<211> LENGTH: 139			
254	<212> TYPE: PRT			
255	<213> ORGANISM: Artificial Sequence			
257	<220> FEATURE:			
258	<223> OTHER INFORMATION: Synthetic DNA			
260	<400> SEQUENCE: 6			
262	Met Asp Phe Gly Leu Ile Phe Phe Ile Val Ala Leu Leu Lys Gly Val			
263	1	5	10	15
266	Gln Cys Glu Val Gln Leu Val Glu Ser Gly Gly Leu Val Gln Pro			
267	20	25	30	
270	Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser			
271	35	40	45	
274	Arg Phe Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu			
275	50	55	60	
278	Trp Ile Gly Glu Val Asn Pro Asp Asn Asn Thr Met Asn Tyr Thr Pro			
279	65	70	75	80
282	Ser Leu Lys Asp Lys Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr			
283	85	90	95	
286	Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr			
287	100	105	110	
290	Tyr Cys Ala Arg Pro Pro Tyr Tyr Gly Ser Tyr Gly Gly Phe Ala Tyr			
291	115	120	125	
294	Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser			
295	130	135		
298	<210> SEQ ID NO: 7			
299	<211> LENGTH: 381			
300	<212> TYPE: DNA			
301	<213> ORGANISM: Artificial Sequence			
303	<220> FEATURE:			

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/763,129

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TIME: 06:16:21

Input Set : A:\ES.txt
Output Set: N:\CRF3\08292001\I763129.raw

304 <223> OTHER INFORMATION: Synthetic DNA

306 <220> FEATURE:

307 <221> NAME/KEY: CDS

308 <222> LOCATION: (1)..(381)

309 <223> OTHER INFORMATION:

312 <400> SEQUENCE: 7

313 atg agt gtg ccc act cag gtc ctg ggg ttg ctg ctg tgg ctt aca	48
314 Met Ser Val Pro Thr Gln Val Leu Gly Leu Leu Leu Leu Trp Leu Thr	
315 1 5 10 15	
317 gat gcc aga tgt gac atc cag atg act cag tct cca tcc tcc cta tct	96
318 Asp Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser	
319 20 25 30	
321 gca tct gtg gga gac agg gtc acc atc aca tgt cga gca agt gag aat	144
322 Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Glu Asn	
323 35 40 45	
325 att tac aat aat tta gct tgg tat cag cag aaa ccg gga aaa gct cct	192
326 Ile Tyr Asn Asn Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro	
327 50 55 60	
329 aag cta cta gtc tat gct gca aca aac tta gca gat ggt gtg cca tca	240
330 Lys Leu Leu Val Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser	
331 65 70 75 80	
333 agg ttc agt ggc agt gga tca ggc aca cag tat acc ctc acg atc agc	288
334 Arg Phe Ser Gly Ser Gly Thr Gln Tyr Thr Leu Thr Ile Ser	
335 85 90 95	
337 agc ctc cag cct gag gat ttt gcg act tat tac tgt caa cat ttg tgg	336
338 Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln His Leu Trp	
339 100 105 110	
341 act tct ccg tac acg ttc gga ggg ggg acc aag gtg gaa ata aaa	381
342 Thr Ser Pro Tyr Thr Phe Gly Gly Thr Lys Val Glu Ile Lys	
343 115 120 125	

346 <210> SEQ ID NO: 8

347 <211> LENGTH: 127

348 <212> TYPE: PRT

Erroneous: A description of your artificial protein sequence is required in field 223.

349 <213> ORGANISM: Artificial Sequence

351 <220> FEATURE:

352 <223> OTHER INFORMATION: Synthetic DNA

354 <400> SEQUENCE: 8

356 Met Ser Val Pro Thr Gln Val Leu Gly Leu Leu Leu Leu Trp Leu Thr	
357 1 5 10 15	
360 Asp Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser	
361 20 25 30	
364 Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Glu Asn	
365 35 40 45	
368 Ile Tyr Asn Asn Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro	
369 50 55 60	
372 Lys Leu Leu Val Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser	
373 65 70 75 80	
376 Arg Phe Ser Gly Ser Gly Ser Gly Thr Gln Tyr Thr Leu Thr Ile Ser	
377 85 90 95	

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/763,129

DATE: 08/30/2001

TIME: 06:16:22

Input Set : A:\ES.txt

Output Set: N:\CRF3\08292001\I763129.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date